



**BOBBY JINDAL**  
GOVERNOR

**HAROLD LEGGETT, PH.D.**  
SECRETARY

# State of Louisiana

## DEPARTMENT OF ENVIRONMENTAL QUALITY ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20090001

Agency Interest No. 40993

Steve Erdley  
Manager  
5007 Hazel Jones Rd  
Bossier City, LA 71111

RE: Part 70 Operating Permit, Cerro Flow Products Inc  
Cerro Flow Products Inc, Bossier City Bossier Parish, Louisiana

Dear Mr. Erdley:

This is to inform you that the permit renewal for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the \_\_\_\_ of \_\_\_\_\_, 2014, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

Permit No.: 0400-00051-V4

Sincerely,

Cheryl Sonnier Nolan  
Assistant Secretary  
CSN:dcd  
c: EPA Region VI

**AIR PERMIT BRIEFING SHEET**  
**AIR PERMITS DIVISION**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Cerro Flow Products, Inc.**  
**Agency Interest No.: 40993**  
**Cerro Flow Products, Inc.**  
**Bossier City, Bossier Parish, Louisiana**

**I. Background**

Heat Craft Copper Products Division operated a copper tubing manufacturing facility at Bossier City prior to 1992 without an air operating permit. The facility submitted an application on September 21, 1992. The initial permit, Permit No. 0400-00051-00, was issued on October 19, 1992. The facility was issued permit modification, Permit No. 0400-00051-01, on May 5, 1993. The company changed names to Cerro Copper Tube Company and was issued the initial Title V permit, Permit No. 0400-00051-V0, on September 4, 1998. Permit No. 0400-00051-V1 was issued January 8, 2001. A name change request was received on January 29, 2004 to change the company name to Cerro Flow Products, Inc. The facility is currently operating under Permit No. 0400-00051-V3 issued October 5, 2005.

This is the Part 70 operating permit renewal for the facility.

**II. Origin**

A permit application and Emission Inventory Questionnaire were submitted by Cerro Flow Products Inc on January 9, 2009 requesting a Part 70 operating permit.

**III. Description**

Cerro produces copper tubing from pure copper. This operation includes the following processes: annealing under inert atmosphere; solvent degreasing; and storage of oily water. The solvent station uses pure mineral spirits. Cerro also charges (fills) copper coils with R404R Freon refrigerant. The inert atmosphere is produced by the combustion of natural gas in an oxygen deficient atmosphere to produce a mixture of N<sub>2</sub>, CO, CO<sub>2</sub>, H<sub>2</sub>O and H<sub>2</sub>. The inert gas is used to blanket the annealing furnaces and prevent oxidation of the copper. The combustion only occurs in the center stack(s) of the furnaces.

With the permit application, Cerro Flow proposes to renew its Part 70 Permit and to reconcile emissions based on updated emission factors.

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Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM10	0.16	0.16	-
SO2	0.016	0.02	+0.004*
NOX	2.20	2.20	-
CO	201.96	201.96	-
VOC	3.78	4.00	+ 0.22*

\* These increases in emissions represent a change in the emission factors used to calculate these estimates and do not reflect a modification at the facility.

#### **IV. Type of Review**

This permit was reviewed for compliance with 40 CFR 70 and the Louisiana Air Quality Regulations. Prevention of Significant Deterioration (PSD), New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP) do not apply.

This facility is a minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

#### **V. Credible Evidence**

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

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**VI. Public Notice**

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

**VII. Effects on Ambient Air**

Emissions associated with the proposed renewal were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

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**VIII. General Condition XVII Activities**

Work Activity	Schedule	PM <sub>10</sub>	Emission Rates - tons			
			SO <sub>2</sub>	NO <sub>x</sub>	CO	VOC
Startup/shutdown of furnaces	Quarterly	-	-	-	-	0.1
Equipment blowdown	Annually	-	-	-	-	0.1
Pump Maintenance	Quarterly	-	-	-	-	0.1
Safety Inspections/Checks on rupture disks	Annually	-	-	-	-	0.1
Safety Inspections/Checks on pressure vacuum vents on tanks	Semiannually	-	-	-	-	0.1
Removal of tank sludge	Annually	-	-	-	-	0.1
Vessel Preparation	Annually	-	-	-	-	0.1
Instrument Maintenance	Quarterly	-	-	-	-	0.1
Tank Gauging	Annually	-	-	-	-	0.1
Removal of Solids from Sumps	Annually	-	-	-	-	0.1
Changing Filters	Annually	-	-	-	-	0.1
Misc. Eqt. Preparation	Annually	-	-	-	-	0.1
Maintenance, Startup, and Shutdowns	200 times per year	-	-	5.0	5.0	5.0

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**IX. Insignificant Activities**

<u>ID No.:</u>	<u>Description</u>	<u>Citation</u>
-	Twenty-eight (28) Space Heaters (0.26 MMBTU/hr each)	LAC 33:III.501.B.5.A.6
-	Sixteen (16) Space Heaters (0.17 MMBTU/hr each)	LAC 33:III.501.B.5.A.6
-	Two (2) Air Curtain Heaters (0.924 MMBTU/hr each)	LAC 33:III.501.B.5.A.6
-	Two (2) Air Curtain Heaters (0.616 MMBTU/hr each)	LAC 33:III.501.B.5.A.6
-	Two (2) Evaporators (0.40 MMBTU/hr each)	LAC 33:III.501.B.5.A.6
-	Floor Cleaner Tank (500 gallons)	LAC 33:III.501.B.5.A.4
-	QC Lab Chemicals (< 10 gallons)	LAC 33:III.501.B.5.A.2

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Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.: Description			LAC 33:III.Chapter																	
5 <sup>▲</sup>	509	9	11	13	15	2103	2109	2111	2113	2123	2125	22	29	51	5151	52	56	59		
1									1						1		1			
UNF 1	Plant Wide																			
EQT 1	92-2 Annealing Furnace # 2		1	1																
EQT 2	92-2A Annealing Furnace # 2 - Charge End		1		2															
EQT 3	92-2B Annealing Furnace # 2 - Discharge End		1																	
EQT 4	92-6 Oil/Water Separator Tank # 1 (15,000 gal.)					1	1													
EQT 5	92-7 Oil/Water Separator Tank # 2 (15,000 gal.)					1	1													
EQT 6	95-5 Solvent Degreasing Stations									1	2									
EQT 7	04-1A Annealing Furnace # 3 - Charge End		1		2															
EQT 8	04-1B Annealing Furnace # 3 - Discharge End		1		2															
EQT 9	04-1C Annealing Furnace # 3 - 1st Center Stack		3	1	2															
EQT 10	04-1D Annealing Furnace # 3 - 2nd Center Stack		3	1																

\* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

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### KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.  
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
  - 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
  - 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.
- Blank - The regulations clearly do not apply to this type of emission source.



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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements																			
ID No.:	Description	40 CFR 60 NSPS								40 CFR 61			40 CFR 63 NESHAP				40 CFR		
		A	K	Ka	Kb	Dc	Gg	Kkk	llll	A	M	V	A	HH	SS	VV	HHH	64	68
UNF 1	Plant Wide									1	1							3	
EQT 1	92-2 Annealing Furnace # 2																		
EQT 2	92-2A Annealing Furnace # 2 - Charge End																		
EQT 3	92-2B Annealing Furnace # 2 - Discharge End																		
EQT 4	92-6 Oil/Water Separator Tank # 1 (15,000 gal.)					2													
EQT 5	92-7 Oil/Water Separator Tank # 2 (15,000 gal.)					2													
EQT 6	95-5 Solvent Degreasing Stations																		
EQT 7	04-1A Annealing Furnace # 3 - Charge End																		
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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
Entire Facility	Compliance Assurance Monitoring [40 CFR 64]	DOES NOT APPLY. No control devices are installed. [40 CFR 64.2(a)]
EQT 7, 9, & 10 Annealing Furnace # 3	Control of Emissions of Smoke [LAC 33:III.1101.B]	EXEMPT. Sources EQT 9 and 10 are the combustion units of Furnace No. 3. The exhaust stacks are manifolded with the EQT 7 stack. The Opacity requirement can only be observed at EQT 7, which has no direct combustion unit.
EQT 2, 7-9 Annealing Furnace # 2 & # 3	Emission Standards for Sulfur Dioxide Continuous Emissions Monitoring [LAC 33:III.1511.A]	DOES NOT APPLY. Units emit less than 5 tons of SO <sub>2</sub> per year. [LAC 33:III.1502.A.3]
EQT 4 & 5 Oil/Water Separator Tanks # 1 & 2	Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60, Subpart Kb] Oil / Water - Separation [LAC 33:III.2109]	DOES NOT APPLY. Storage Capacity less than 75 cubic meters. [40 CFR 60.110b(a)]  EXEMPT. Separators emit less than 100 tpy of VOC. Record and retain at the site for at least 2 years the data required to demonstrate compliance with or exemption from LAC 33:III.2109. [LAC 33:III.2109.B.4]
EQT 6 Solvent Degreasing Stations	Organic Solvents [LAC 33:III.2123 Subchapter B]	EXEMPT. The liquid cleaning stations do not exceed the 3.0 lbs/hr or 15.0 lbs/day emission rate. Record and retain at the site for at least 2 years the data required to demonstrate exemption from LAC 33:III.2123. [LAC 33:III.2123.A]

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
EQT 6 Solvent Degreasing Stations (cont.)	Vapor Degreasers [LAC 33:III.2125]	DOES NOT APPLY. The liquid cleaning stations do not meet the definition of Vapor Degreaser.

The above table provides explanation for either the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

## 40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
  - 1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];

## 40 CFR PART 70 GENERAL CONDITIONS

2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
  3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and
  4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.  
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
1. the date, place as defined in the permit, and time of sampling or measurements;
  2. the date(s) analyses were performed;
  3. the company or entity that performed the analyses;
  4. the analytical techniques or methods used;
  5. the results of such analyses; and
  6. the operating conditions as existing at the time of sampling or measurement.
- [Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]

## 40 CFR PART 70 GENERAL CONDITIONS

- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]
- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]
- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
  2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
  3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;

#### 40 CFR PART 70 GENERAL CONDITIONS

4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
  5. changes in emissions would not qualify as a significant modification; and
  6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
  2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
  3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
    - a. Report by June 30 to cover January through March
    - b. Report by September 30 to cover April through June
    - c. Report by December 31 to cover July through September
    - d. Report by March 31 to cover October through December
  4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]



## 40 CFR PART 70 GENERAL CONDITIONS

- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]
- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
  2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
  3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
  4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
  5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
  6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]
- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.
- The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]
- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

## LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
  
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
  
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated January 9, 2009.
  
- IV. This permit shall become invalid, for the sources not constructed, if:
  - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
  - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.

The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
  
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.

## LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.
- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
  - A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
  - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

## LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
  - 1. Report by June 30 to cover January through March
  - 2. Report by September 30 to cover April through June
  - 3. Report by December 31 to cover July through September
  - 4. Report by March 31 to cover October through December
- D. Each report submitted in accordance with this condition shall contain the following information:
  - 1. Description of noncomplying emission(s);
  - 2. Cause of noncompliance;
  - 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
  - 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
  - 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.

XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:

- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
- B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
- C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
- D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.

## LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.
- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services in accordance with LAC 33:I.Chapter 19.Facility Name and Ownership/Operator Changes Process.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
  2. Be less than the minimum emission rate (MER)
  3. Be scheduled daily, weekly, monthly, etc., or
  4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of the permit may be appealed to the secretary in writing pursuant to La. R.S. 30:2024(A) within 30 days from notice of the permit action. A request may be made to the secretary to suspend those provisions of the permit specifically appealed. The permit remains in effect to the extent that the secretary or assistant secretary does not elect to suspend the appealed provisions as requested or, at his discretion, other permit provisions as well. Construction cannot proceed, except as specifically approved by the secretary or

## **LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS**

assistant secretary, until a final decision has been rendered on the appeal. A request for hearing must be sent to the Office of the Secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division  
La. Dept. of Environmental Quality  
Post Office Box 4302  
Baton Rouge, Louisiana 70821-4302

- XIX. For Part 70 sources, certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 40993 Cerro Flow Products Inc  
 Activity Number: PER20090001  
 Permit Number: 0400-00051-V4  
 Air - Title V Regular Permit Renewal

Also Known As:	ID	Name	User Group	Start Date
		Cerro Flow Products Inc	Air Permitting	01-01-2004
	0400-00051	Cerro Flow Products Inc	CDS Number	08-05-2002
	LAD059551192	Cerro Flow Products Inc	Hazardous Waste Notification	11-01-1988
	LAR05M262	LPDES #	LPDES Permit #	05-22-2003
		Heat Craft Copper Products Division	Multimedia	11-21-1999
	G-015-2780	Site ID #	Solid Waste Facility No.	11-21-1999
	10256	Lennox Industries Inc	TEMPO Merge	08-28-2001
	71111HTCRF5007H	TRI #	Toxic Release Inventory	07-09-2004

Physical Location: 5007 Hazel Jones Rd Bossier City, LA 71111 Main Phone: 3187474950

Mailing Address: 5007 Hazel Jones Rd Bossier City, LA 71111

Location of Front Gate: 32° 33' 0" 54 hundredths latitude, 93° 39' 30" 64 hundredths longitude, Coordinate Method: Lat. Long. - DMS, Coordinate Datum: NAD83

Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Steve Erdley	5007 Hazel Jones Rd Bossier City, LA 71111	serdley@Cerroflow.c	Responsible Official for
	Steve Erdley	5007 Hazel Jones Rd Bossier City, LA 71111	3187474950 (WP)	Responsible Official for
	Steve Erdley	5007 Hazel Jones Rd Bossier City, LA 71111	serdley@Cerroflow.c	Emission Inventory Contact for
	Steve Erdley	5007 Hazel Jones Rd Bossier City, LA 71111	3187474950 (WP)	Emission Inventory Contact for
	Forrest Nixon	5007 Hazel Jones Rd Bossier City, LA 71111		Water Billing Party for

Related Organizations:	Name	Address	Phone (Type)	Relationship
	Cerro Flow Products Inc	5007 Hazel Jones Rd Bossier City, LA 71111		Operates
	Cerro Flow Products Inc	5007 Hazel Jones Rd Bossier City, LA 71111		Emission Inventory Billing Party
	Cerro Flow Products Inc	5007 Hazel Jones Rd Bossier City, LA 71111		Air Billing Party for
	Cerro Flow Products Inc	5007 Hazel Jones Rd Bossier City, LA 71111		Owns

NAIC Codes: 331421, Copper Rolling, Drawing, and Extruding

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-0775 or email your changes to facupdate@la.gov.

**INVENTORIES**

AI ID: 40993 - Cerro Flow Products Inc  
 Activity Number: PER20090001  
 Permit Number: 0400-00051-V4  
 Air - Title V Regular Permit Renewal

**Subject Item Inventory:**

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
<b>Entire Facility</b>						
EQT 0001	92-2 - Annealing Furnace # 2		2.63 MM BTU/hr	2.63 MM BTU/hr	Natural Gas	8400 hr/yr
EQT 0002	92-2A - Annealing Furnace # 2 - Charge End		2.63 MM BTU/hr			8400 hr/yr
EQT 0003	92-2B - Annealing Furnace # 2 - Discharge End		2.63 MM BTU/hr			8400 hr/yr
EQT 0004	92-6 - Oil/Water Separator Tank # 1	15000 gallons	225000 gallons/yr	225000 gallons/yr		8760 hr/yr
EQT 0005	92-7 - Oil/Water Separator Tank # 2	15000 gallons	225000 gallons/yr	225000 gallons/yr		8760 hr/yr
EQT 0006	95-5 - Solvent Degreasing Stations		825 gallons/yr	825 gallons/yr		8760 hr/yr
EQT 0007	04-1A - Annealing Furnace # 3 - Charge End & Combustion		1.31 MM BTU/hr			8400 hr/yr
EQT 0008	04-1B - Annealing Furnace # 3 - Discharge End		1.31 MM BTU/hr			8400 hr/yr
EQT 0009	04-1C - Annealing Furnace # 3 - 1st Center Stack		1.31 MM BTU/hr	1.31 MM BTU/hr	Natural Gas	8400 hr/yr
EQT 0010	04-1D - Annealing Furnace # 3 - 2nd Center Stack		1.31 MM BTU/hr	1.31 MM BTU/hr	Natural Gas	8400 hr/yr

**Stack Information:**

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
<b>Entire Facility</b>							
EQT 0001	92-2 - Annealing Furnace # 2	29.2	5509	3.14		33.3	220
EQT 0002	92-2A - Annealing Furnace # 2 - Charge End	22	1034	.79		33	105
EQT 0003	92-2B - Annealing Furnace # 2 - Discharge End	10.7	504	.79		33	73
EQT 0004	92-6 - Oil/Water Separator Tank # 1					22	70
EQT 0005	92-7 - Oil/Water Separator Tank # 2					22	70
EQT 0006	95-5 - Solvent Degreasing Stations						70
EQT 0007	04-1A - Annealing Furnace # 3 - Charge End & Combustion	23.3	490	.35		13.3	74
EQT 0008	04-1B - Annealing Furnace # 3 - Discharge End	23.3	490	.35		13.3	71

**Relationships:**

ID	Description	Relationship	ID	Description
EQT 0009	04-1C - Annealing Furnace # 3 - 1st Center Stack	Vents to	EQT 0007	04-1A - Annealing Furnace # 3 - Charge End & Combustion
EQT 0010	04-1D - Annealing Furnace # 3 - 2nd Center Stack	Vents to	EQT 0007	04-1A - Annealing Furnace # 3 - Charge End & Combustion

**Subject Item Groups:**

ID	Group Type	Group Description
GRP 0002	Equipment Group	- Furnace No. 3
UNF 0001	Unit or Facility Wide	- Entire Facility

**Group Membership:**



**INVENTORIES**

AI ID: 40993 - Cerro Flow Products Inc  
 Activity Number: PER20090001  
 Permit Number: 0400-00051-V4  
 Air - Title V Regular Permit Renewal

**Group Membership:**

ID	Description	Member of Groups
EQT 0007	04-1A - Annealing Furnace # 3 - Charge End & Combustion	GRP000000000002
EQT 0008	04-1B - Annealing Furnace # 3 - Discharge End	GRP000000000002
EQT 0009	04-1C - Annealing Furnace # 3 - 1st Center Stack	GRP000000000002
EQT 0010	04-1D - Annealing Furnace # 3 - 2nd Center Stack	GRP000000000002

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

**Annual Maintenance Fee:**

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
1020	1020 Brass/Bronze/Copper-Based Alloy Foundry	2	Furnaces

**SIC Codes:**

3351	Copper rolling, drawing, extruding	AI 40993
3351	Copper rolling, drawing, extruding	UNF 001

**EMISSION RATES FOR CRITERIA POLLUTANTS**

AI ID: 40993 - Cerro Flow Products Inc  
 Activity Number: PER20090001  
 Permit Number: 0400-00051-V4  
 Air - Title V Regular Permit Renewal

Subject Item	CO			NOx		PM10			SO2		VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Tons/Year
Entire Facility													
EQT 0001 92-2	0.22	0.26	0.93	0.26	0.30	1.10		0.03	0.08	0.002	0.003	0.01	
EQT 0002 92-2A	8.50	10.25	35.80										
EQT 0003 92-2B	13.80	19.66	58.13										
EQT 0004 92-6													
EQT 0005 92-7													
EQT 0006 95-5													
EQT 0007 04-1A	10.29	11.34	43.22	0.26	0.26	1.10		0.02	0.08	0.002	0.002	0.01	
EQT 0008 04-1B	15.21	18.05	63.88										

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

## SPECIFIC REQUIREMENTS

AI ID: 40993 - Cerro Flow Products Inc

Activity Number: PER20090001

Permit Number: 0400-00051-V4

Air - Title V Regular Permit Renewal

### EQT 0001 92-2 - Annealing Furnace # 2

- 1 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
Which Months: All Year Statistical Basis: None specified
- 2 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).  
Which Months: All Year Statistical Basis: None specified

### EQT 0002 92-2A - Annealing Furnace # 2 - Charge End

- 3 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
Which Months: All Year Statistical Basis: None specified

### EQT 0003 92-2B - Annealing Furnace # 2 - Discharge End

- 4 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
Which Months: All Year Statistical Basis: None specified

### EQT 0004 92-6 - Oil/Water Separator Tank # 1

- 5 [LAC 33:III.2103.A] Equip with a submerged fill pipe.
- 6 [LAC 33:III.2103.I] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 7 [LAC 33:III.2109.D.2] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2109.D.2.

### EQT 0005 92-7 - Oil/Water Separator Tank # 2

- 8 [LAC 33:III.2103.A] Equip with a submerged fill pipe.
- 9 [LAC 33:III.2103.I] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
- 10 [LAC 33:III.2109.D.2] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2109.D.2.

### EQT 0006 95-5 - Solvent Degreasing Stations

## SPECIFIC REQUIREMENTS

AI ID: 40993 - Cerro Flow Products Inc

Activity Number: PER20090001

Permit Number: 0400-00051-V4

Air - Title V Regular Permit Renewal

### EQT 0006 95-5 - Solvent Degreasing Stations

11 [LAC 33:III.2123.F]

Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2123.F.1 through F.4 to verify exemption from LAC 33:III.2123. Maintain records for at least two years.

### EQT 0007 04-1A - Annealing Furnace # 3 - Charge End & Combustion

12 [LAC 33:III.1101.B]

Opacity  $\leq$  20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

### EQT 0009 04-1C - Annealing Furnace # 3 - 1st Center Stack

13 [LAC 33:III.1313.C]

Total suspended particulate  $\leq$  0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

### EQT 0010 04-1D - Annealing Furnace # 3 - 2nd Center Stack

14 [LAC 33:III.1313.C]

Total suspended particulate  $\leq$  0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

### GRP 0002 - Furnace No. 3

Group Members: EQT 0007/EQT 0008/EQT 0009/EQT 0010

15 [LAC 33:III.507.H.1.a]

Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within 180 days after the issuance of a permit renewal, whichever comes later. The stack test's purpose is to demonstrate compliance with the emission limits for the four emission points associated with Furnace No. 3 and therefore must be conducted at greater than 80% of permitted maximum capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack tests methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.

Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBTU, gr/dscf, lbs SO<sub>2</sub> / ton 100% H<sub>2</sub>SO<sub>4</sub>, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H<sub>2</sub>SO<sub>4</sub> was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.

17 [LAC 33:III.507.H.1.a]

**SPECIFIC REQUIREMENTS**

AI ID: 40993 - Cerro Flow Products Inc

Activity Number: PER20090001

Permit Number: 0400-00051-V4

Air - Title V Regular Permit Renewal

**UNF 0001 - Entire Facility**

- 18 [40 CFR 61.145(b)(1)] Provide DEQ with written notice of intention to demolish or renovate. Delivery of the notice by U.S. Postal Service, commercial delivery service, or hand delivery is acceptable. [40 CFR 61.145(b)(1)]
- 19 [40 CFR 61.148] Do not install or reinstall on a facility component any insulating materials that contain commercial asbestos if the materials are either molded and friable or wet-applied and friable after drying. Subpart M.
- 20 [40 CFR 70.5(a)(1)(iii)] Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- 21 [40 CFR 70.6(a)(3)(iii)(A)] Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 22 [40 CFR 70.6(a)(3)(iii)(B)] Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [40 CFR 70.6(a)(3)(iii)(B)]
- 23 [40 CFR 70.6(c)(5)(iv)] Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
- 24 [LAC 33:III.1103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
- 25 [LAC 33:III.1109.B] Outdoor burning of waste material or other combustible material is prohibited.
- 26 [LAC 33:III.1303.B] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 27 [LAC 33:III.2113.A] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 28 [LAC 33:III.2119] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 29 [LAC 33:III.5151.F.1.f] An individual or company contracted to perform a demolition or renovation activity which disturbs RACM must be recognized by the Licensing Board for Contractors to perform asbestos abatement, and shall meet the requirements of LAC 33:III.5151.F.2 and F.3 for each demolition or renovation activity.
- 30 [LAC 33:III.5611.A] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
- 31 [LAC 33:III.5611.B] During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.

**SPECIFIC REQUIREMENTS**

AI ID: 40993 - Cerro Flow Products Inc

Activity Number: PER20090001

Permit Number: 0400-00051-V4

Air - Title V Regular Permit Renewal

**UNF 0001 - Entire Facility**

32 [LAC 33:III.919.D]

Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Environmental Evaluation Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.